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19 October 1979

MEMORANDUM FOR THE RECORD

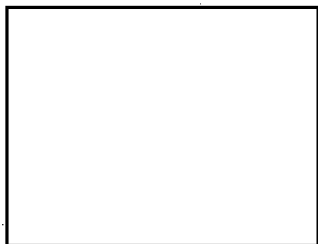
SUBJECT: OIA Briefing

1. General

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On Tuesday 16 October 1979, [] (NFAC/OIA/TS) (phone []) []-chief of the Economic Resources Division (NFAC/OIA/ER), and []-senior analyst (NFAC/OIA/ER) briefed the DASITT on the operation and structure of the Office of Imagery Analysis, National Foreign Assessment Center, Central Intelligence Agency. The briefing was held at [] where OIA is housed. Attendees were:

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IRO
IRO
CIA
DIA
BDM
BDM



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2. OIA Organization and Mission

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OIA is the CIA departmental imagery analysis organization. It supports analysts in the NFAC, in the Directorate of Operations, and in the Directorate of Science and Technology, primarily. Its mission is almost exclusively third phase basic reporting (with NPIC being tasked with first and second phase direct reporting). Thus, OIA draws on collection rather than being driven by it. It is staffed to a level of [] people of whom the photo interpreters (PI's) number []. The low support-to-PI ratio results from OIA's co-residency with NPIC, upon whom it depends heavily for support services. OIA organization is shown in Figure 1. []

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3. Nature of OIA's Business

Three views of OIA's work (from a statistical viewpoint) were presented: Geographic, Subject, and Users. The geographic breakdown for FY 78 was:

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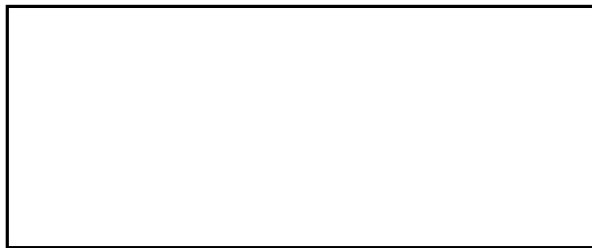
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* remainder (30%) each less than 5%

The FY 78 Subject breakdown was:



* remainder (24%) each less than 8%

The FY 78 Requester (User) breakdown was:

* 80% NFAC

-29% OSR
-14% OIA
-12% OWI
-11% OER
-11% OSI
- 4% O/NFAC
- 1% OGCR
- 1% ORPA

* 10% DDS&T

* 7% DDO

* 2% COMIREX

* 2% DCI



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The work OIA does was characterized as "special studies for the intelligence and operations offices"; this reflects the 95+% NFAC/DDS&T/DDO requester distribution. Examples of "special studies" were "Project Challenge" [redacted] and the

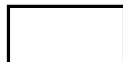
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[redacted] (described later in this MFTR).

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4. How OIA is Tasked

Up until about a year ago, all tasking to OIA came through the NFAC Requirements and Evaluation Staff (RES). RES' main function is (with respect to imagery) to represent CIA on the ICRS and EXSUBCOM.



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OIA found that exploitation requirements from various offices in CIA funnelled through RES to them were unchanged in the process; RES acted as a mail room. Thus, about a year ago, OIA established direct liason with each of the major users of OIA's services to improve communication of "what is needed". Now the major users each have a person or small group identified for "requirements liason" or "reconnaissance liason". Individual analysts or teams of analysts dealing with a specific problem will contact the liason person who will then communicate the liason person who will then communicate the requirement to OIA. Then, OIA personnel meet with the analyst or team to scope the problem and assign the appropriate image analysts to it. OIA keeps manual records of current, in-house and anticipated projects.

OIA typically has 400 projects in-house simultaneously, each lasting generally three to six months. About 75% of OIA's workload is project (multi-man-month) oriented, with the remainder in sub-man-month exploitations.

5. How OIA Deals With a Collection Requirement

The image analyst(s) involved with a given problem will (with the assistance of NDS) determine what images (films) need to be pulled and/or whether new coverage is needed. If new coverage is needed, a Point Target Collection (attachment 1) form is filled out with all the information CAMS needs. Forms generated by PI's in any of the four OIA divisions are funnelled to [] in the Technical Staff for checking the nomination and justifying the priority. Then the nomination is sent via courier (or Laserfax if its hot) to [] RES for assigning priority.

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[] requests provides activity in CAMS and CPAT within [] nomination exit from OIA. OIA finds ICRS response on "hot" targets satisfactory for its needs. Technical staff keeps a document register for all nominations indexed by OIA number and tracks the status of the nomination in CAMS (over OIA's one CAMS terminal) by problem set number.

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6. How OIA Manages Exploitation

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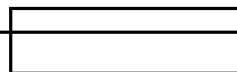
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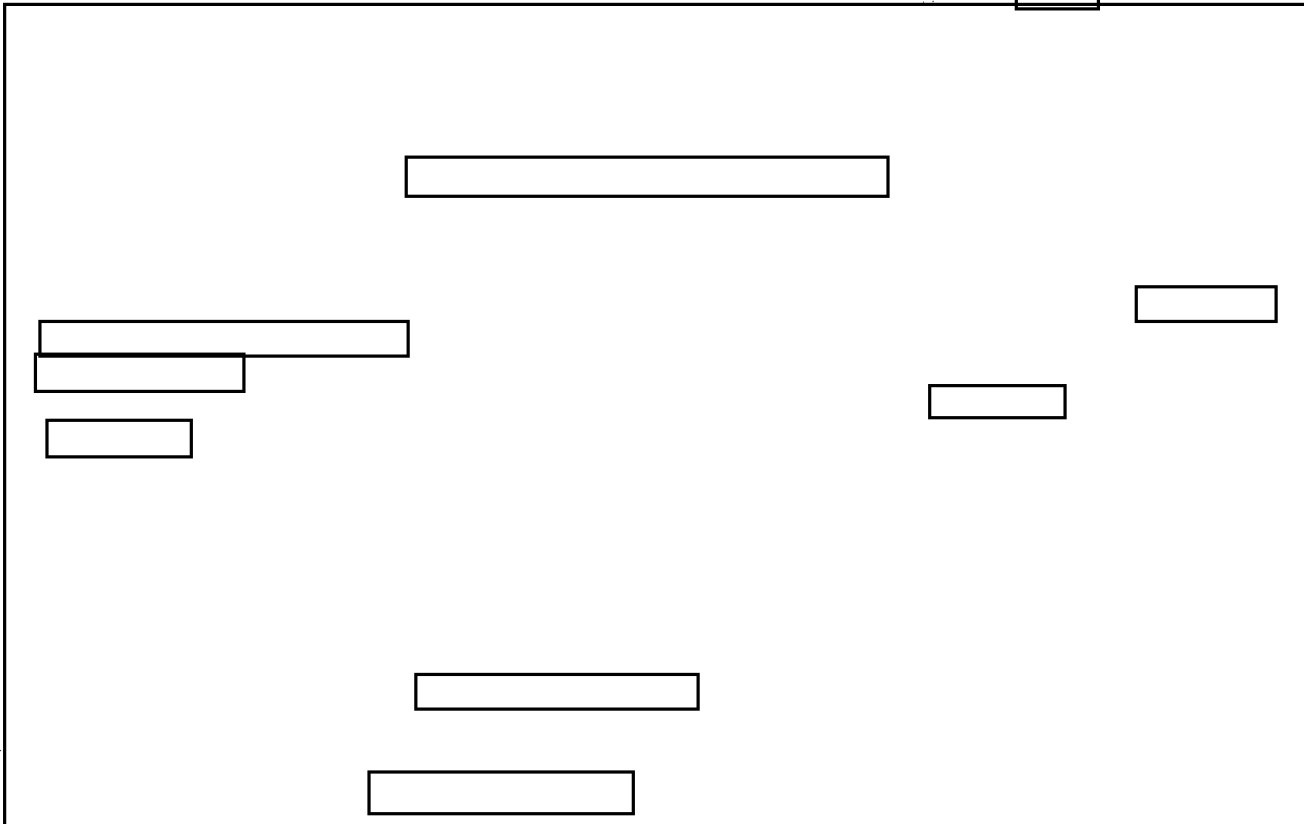
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7. How OIA Exploits

In the past, users requested OIA PI's to read out "everything" they saw on the film. Now, however, a closer analyst-PI relationship has developed, where, during the exploitation supporting a project, a great deal of interaction occurs between the PI and the analyst; mostly by gray phone. The result of the exploitation is written up in an OIA report and delivered to the production analyst requiring it. The bibliographic and subject reference data for every OIA report is entered into the NDS Exploitation Products File (EPF) which is utilized mostly by exploiters and producers outside of the Washington area. Readout on economic and industrial targets also is entered into the "Industrial File" sector of the NDS Installation Data File (IDF) which houses about 6000 targets of the industrial type (in addition to many others, of course).

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9. OIA Use of ADP

a. NDS

NDS is the primary ADP tool for day-to-day living used by OIA. The IDF is used for the predict (CAMS provides a back-up predict). The EPF is used to store index data to imagery-derived analysis reports. The MPF supports OIA's mensuration room. PI's have their own note sector keyed to the IDF for their own analysis use.

[REDACTED]

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b. CAMS

Technical Staff tracks status of collection on OIA requirements through one CAMS terminal at OIA. RES uses CAMS for entering OIA collection requirements.

[REDACTED]

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c. COINS

COINS is used at the rate of about ten queries a month to DIA.

[REDACTED]

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d. ODP

Virtual Machine (VM) is used, but only very little for special requirements needing small, new programs by analysts who can also program. Interim Support to Analysts' File Environment (SAFE) provides indices to finished intelligence products and is maintained by the library (OCR) at Langley; SAFE is used by two of the OIA Missile System Division branches. The Generalized Information Management System (GIMS) is used to maintain the Deployed Missiles File for which OIA is responsible. (For cultural interest: OSR doesn't seem to use it, even though [REDACTED] entries are up to date; [REDACTED] entries are out of date). GIMS is also used for the MIS which is parallel to OASIS in design but holds essentially time sheet information; it is a management file.

[REDACTED]

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e. Terminals

OIA has five "old" Sanders terminals into the NDS 494 (which is departing in April, 80), forty NDS 1110 terminals (for day-to-day living), seven ODP Delta Data terminals, and one CAMS terminal. Seventy five SAFE terminals are expected.

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10. OIA's Views of the Future

OIA would really like to have NDS provide on-line predicts for CRT access. Softcopy devices would be nice to have, but no groundswell of user demand is developing. "A couple" would suffice but an absolute maximum would be one for each division (four). Rarely (less than 10 percent of the exploitation) does OIA respond to NFAC or DDO for first phase exploitation. OIA uses [redacted] CCT images/month and about [redacted] replays/month.

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Attachment: a/s

Distribution:

Orig:

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2-
3-
4-

5-Registry RM
6-File
7-File
8-File

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